



Hegewald & Peschke

Meß- und Prüftechnik GmbH

Application flyer

Material testing on textiles



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Universal testing machines with special grips for textiles

Universal testing machine Inspekt solo 2.5kN with vice grip

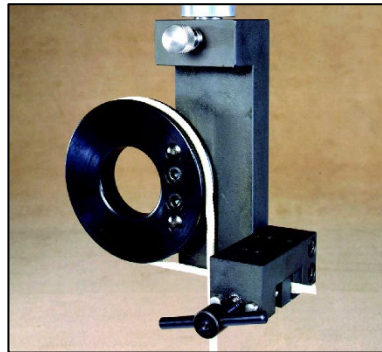


Thread and rope grips



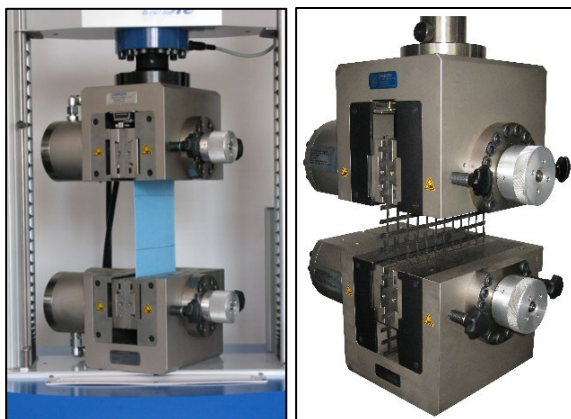
Thread grip for tensile tests at thin threads, yarns or twines

Rope grip

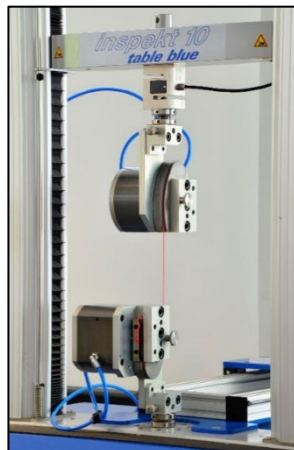


Enlacement grip for tensile tests on wires, threads and ropes

Hydraulic grips



For tensile tests on composites, belts, non-woven materials, felts, rubbers, meshes, geotextiles, geogrids, plastic sheets e.g. according to standard DIN EN ISO 10319



Pneumatic rope grip with load decrease curve for specimen that can be wrapped, like yarns or twines



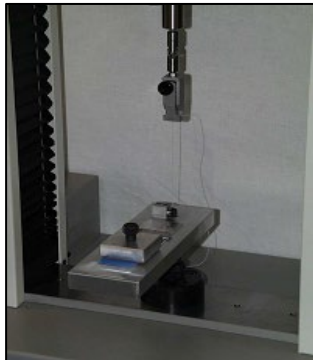


Peel tester with movable table



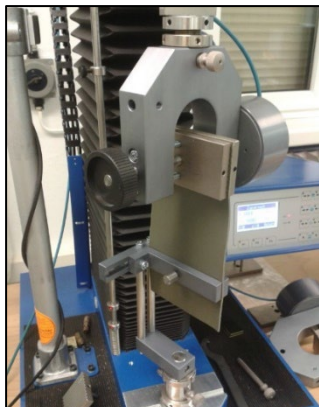
Peel testing device for adhesive bonds
Peeling angle 45°, 90° and 180°

Peel device for the determination of the coefficient of friction



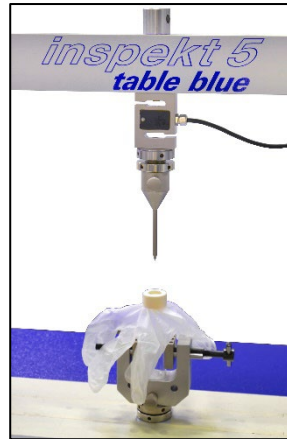
Device for the determination of peeling and adhesion strength according to DIN 53 375/ ASTM 1894

Testing device for the determination of the needle extraction force according to DIN 54301



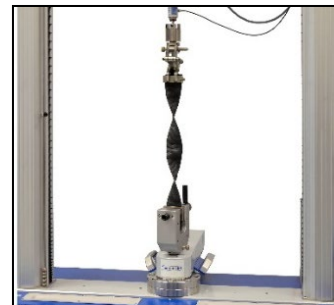
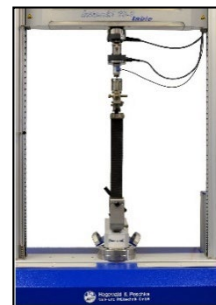
Testing of non-woven fabrics and similar not woven textile area-measured materials

Device for compression tests on protective gloves and for the determination of bursting strengths



Among others for tests acc. to the standards EN863 / EN388 / EN374-4

Torsion modules



For torsion tests on textiles, e.g. belts

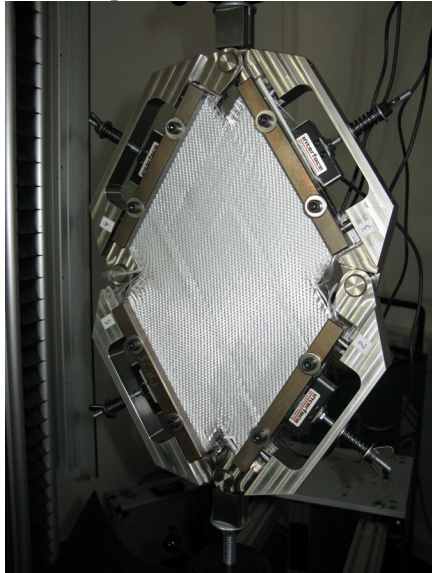
Stamp extruding testing device



Determination of the extruding resistance through geotextiles according to EN ISO 12236

Special testing devices

Shear frame testing system for textile semi-finished products



- Examination of dry textiles and fabric-reinforced plastics (organo sheets) with different weave construction
- Conclusions about the expectable deformability can be deduced from calculated shearing angle diagrams.

Testing machine for foam materials



Testing of soft-elastic foamed materials according to DIN 53579 (hardness testing on prefabricated parts, indentation test on formed components), ASTM D 3574-B1 (indentation hardness) and EN ISO 3386-1 (determination of compression strength deformation properties)

Cimatized shrinkage device



Testing device for the registration of mechanic transformations (travel, load) on leather specimen under the influence of alternating climate

Loading apparatus for creep test



Determination of the elongation of leather specimen during long-term load